

#### 1-4. Use

You M651 cartridge can be used in combat against any target vulnerable to its CS agent. Fire the cartridge from the M79 grenade launcher or the M203 grenade launcher which attaches to the M16A1 rifle. This cartridge is especially effective when fired into an enclosed area. The projectiles will penetrate window glass or up to 19 millimeters (3/4 inch) thick pine wood at 200 meters (656 feet) and release CS after penetration. The projectiles will also function against other materials such as earth, gravel, brush, sandbags, and bamboo. You can engage targets at ranges up to 400 meters (1312 feet).

### Section II. DESCRIPTION AND DATA

#### 1-5. Description

a. *Cartridge.* The M651 cartridge (fig. 1-1) is similar in appearance to other 40-mm cartridges but has a flat nose. Two ridges act as projectile rotating bands when the round is fired. The cartridge case contains a percussion primer and has six equally spaced notches located around the cartridge case base.

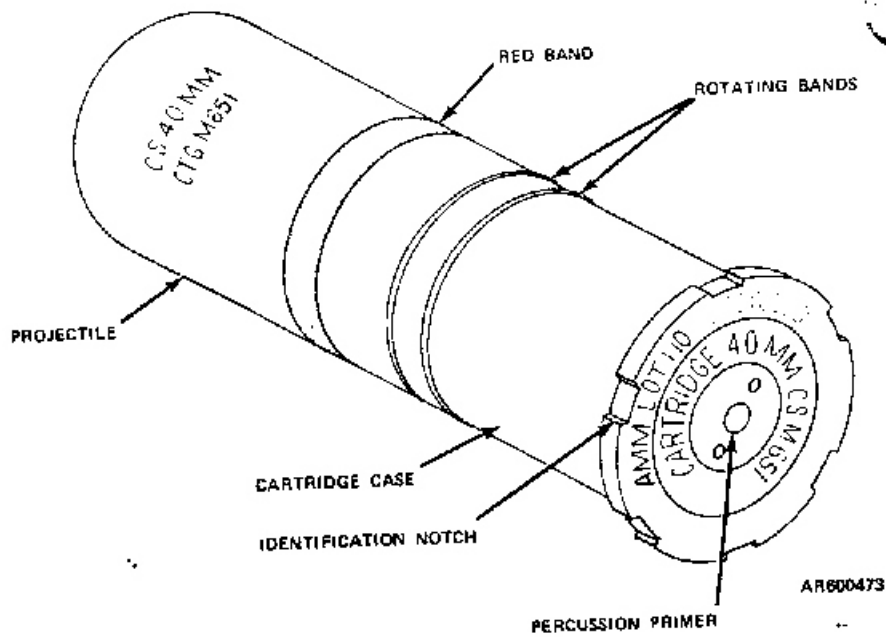


Figure 1-1. M651 cartridge exterior view.